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DOCKET NO.: 005212/TCG/SPC/SB

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Re: Serial No.: 09/903,222
Applicant(s): SHREYAS KHER, ET AL.
Filing Date: JULY 10, 2001
For: CVD BST FILM COMPOSITION AND PROPERTY CONTROL WITH
THICKNESS BELOW 200 Å FOR DRAM CAPACITOR APPLICATION
WITH SIZE AT 0.1 µm OR BELOW
Group Art Unit: 1762
Examiner:

SIR:

Attached hereto for filing are the following papers:

INFORMATION DISCLOSURE STATEMENT
INTERNATIONAL SEARCH REPORT
PTO FORM 1449
CITED DOCUMENTS (7)

Our check in the amount of \$ -0- is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

PIPER RUDNICK LLP

Steven B. Kelber
Attorney of Record
Registration No.: 30,073

Perry E. Van Over
Registration No.: 42,197

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



IN RE APPLICATION: SHREYAS KHER, ET AL.

GROUP ART UNIT: 1762

SERIAL NUMBER: 09/903,222

EXAMINER:

FILED: JULY 10, 2001

FOR: CVD BST FILM COMPOSITION AND PROPERTY CONTROL WITH THICKNESS BELOW 200 Å FOR DRAM CAPACITOR APPLICATION WITH SIZE AT 0.1 µm OR BELOW

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant(s) wish(es) to disclose the following information.

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REFERENCES

- Applicant(s) wish(es) to make of record the documents listed on the attached International Search Report and Form PTO-1449. Copies of the listed documents are attached, where required, as are either statements of relevancy or any readily available full or partial English translations of any non-English-language documents.

RELATED CASES

- Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- without fee and within three months of the filing date of the application.
- without fee and within three months of the date of entry of the U.S. national stage.
- without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- without fee and with the appropriate certification above.
- without fee and with a new CPA application.
- without fee and with a Request for Continued Examination.
- with fee and before the mailing date of any of a Final Office Action, Notice of Allowance or an action that otherwise closes prosecution (to the knowledge of the undersigned).
- with fee, appropriate certification above, and before payment of the Issue Fee.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-1442.

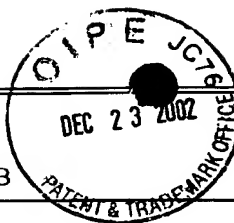
Respectfully submitted,

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Form PTO 1449

(Modified)

 U.S. DEPARTMENT OF
COMMERCE
PATENT AND TRADEMARK
OFFICE

DOCKET NO.

005212/TCG/SPC/SB

SERIAL NO.

09/903,222

APPLICANT

SHREYAS KHER, ET AL.

 LIST OF REFERENCES CITED BY APPLICANT
(Use Several Sheets if Necessary)

FILING DATE

JULY 10, 2001

GROUP ART UNIT

1762

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLAS S	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,674,563	10/07/97	TARUI ET AL.			
	AB	5,972,430	10/26/99	DIMEO, JR. ET AL.			
	AC	6,162,501	12/19/00	KIM			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	AL	WO 01/99166	06/08/01	PCT		
	AM	JP 60 017078	01/28/85	JAPAN (ABSTRACT ONLY)		
	AN					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Cho, et al., "Improvement of Dielectric Properties of (Ba, Sr) TiO ₃ Thin Films Deposited by Pulse Injection Chemical Vapor Deposition", Applied Physics Letters, American Institute of Physics., Vol. 72, No. 7, pages 786-788 (1998).
	AP	Tanimoto et al., "Synchronously Excited Discrete Chemical Vapor Deposition of Ta ₂ O ₅ ", Journal of the Electrochemical Society, Vol. 141, No. 5, pages 1339-1346 (1994).
	AQ	
	AR	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.